

CLAIMS

1. A hydrostatic altimeter comprising:

2 (a) a base member including a contained fluid reservoir  
under a reference pressure;

4 (b) a measurement member including:

6 (1) differential pressure transducer means for  
producing a signal corresponding to hydrostatic pressure  
felt by the transducer means, and

8 (2) means for converting the signal produced by the  
transducer means to a corresponding numerical value;

10 (c) a flexible, elongated fluid link for providing fluid  
pressure communication between the reservoir and the  
12 transducer means;

14 (d) means for accumulating numerical values while leap  
frogging the base member and the measurement member over a  
selected path; and

16 (e) means for displaying the accumulated total to an  
operator, the total being the elevational difference between  
18 the start of the path and the end of the path.

2. The altimeter according to claim 1 further comprising

2 means for pre-setting the display to a benchmark elevation  
before leap frogging.

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